

PRODUCT DESCRIPTION

TOTACHI MOTO 4T TOURING 10W-40 is a high-performance, fully synthetic motorcycle oil formulated for all modern 4-stroke motorcycle engines. It provides optimum friction performance to ensure perfect clutch engagement in various riding modes. The high detergent and dispersive properties avoid the formation of deposits, sludge and varnish to maintain cleaner engine and maximum engine power. Effectively protects the engine, clutch, gearbox, valve train and after-treatment system in a stressful urban stop-and-go driving conditions.



Carefully balanced with TOTACHI's advanced **INFINITE™** Technology, offering continuous and robust protection for the engine and after-treatment systems. It exceeds the performance demands of high-power density engines, providing exceptional cleanliness, power, wear protection and

oxidative resistance to maximize the engine life.



Unique frictional properties to effectively balance power efficiency and fuel economy, while ensuring optimal clutch friction engagement and

durability. It enhances power output, enables smoother gear shifting and maintains a cooler engine, delivering reliable performance even in demanding riding conditions.

TOTACHI MOTO 4T TOURING 10W-40 is designed for thermally stability, enhanced with superior quality of antioxidants to prevent premature oil degradation for an extended engine life. It guarantees optimum power delivery and improved engine responsiveness, contributing to a smooth and comfortable riding experience.

APPLICATION

Recommended for all types of 4-stroke gasoline motorcycle engines requiring a viscosity grade of SAE 10W-40 and JASO MA2 or MA oils. Ideal for bikes working under severe operating temperatures. Suitable for use in cold and warm climates. Meets the most demanding needs of American, Japanese, European, Chinese, Indian, Asian and other 4-stroke motorcycle makers.

WARRANTY

TOTACHI MOTO 4T TOURING 10W-40 meets or exceeds the OEM's warranty requirements of 4-stroke requiring API SP or lower engine oil. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Engine reliability**
Excellent high temperature protection, superior engine cleanliness, optimal friction control, and enhanced lubricating properties to prevent engine failure, ensuring a smooth and uninterrupted riding experience.
- **Extend engine life**
Excellent engine wear protection, outstanding resistance to premature oil thickening, and exceptional gear pitting protection to ensure durability of engine, clutch, gears and valve train.
- **Excellent performance**
Prevents clutch slippage for faster take off, quick gear shifts, and smooth power transfer while shifting gears in any riding speed.
- **Excellent compatibility**
Product is fully compatible with all engine components, meets the latest environmental standards for modern engines.



MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SP
- JASO MA2

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

TYPICAL TEST DATA

| CHARACTERISTICS | UNITS | VALUES | STANDARDS |
|----------------------------------|----------|--------|------------|
| SAE Grade | - | 10W-40 | SAE J300 |
| Kinematic viscosity at: 40 °C | cSt | 93.24 | ASTM D445 |
| 100 °C | cSt | 14.14 | ASTM D445 |
| Viscosity index | - | 156 | ASTM D2270 |
| Cranking viscosity at -25°C | mPa-s | 5590 | ASTM D5293 |
| Color | - | L2.5 | ASTM D1500 |
| Flash point | °C | 246 | ASTM D92 |
| Pour point | °C | -33 | ASTM D97 |
| Density at 30 °C | kg/L | 0.8435 | ASTM D4052 |
| Total Base Number | mg KOH/g | 6.7 | ASTM D2896 |

STORAGE AND HANDLING GUIDELINES

- Store in cool and dry places. Avoid exposing products to moisture.
- Avoid exposing products to direct sunlight.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

HEALTH, SAFETY AND ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO., LTD. disclaims any liability in case the product is used with violation of these instructions and warnings, or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI® distributor.